



1639
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Ye Fang, et al.

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Title: ARRAYS OF BIOLOGICAL
MEMBRANES AND
METHODS AND USE
THEREOF

Group Art Unit: 1639

Examiner: My Chau T. Tran

REPLY

Commissioner of Patents
Alexandria, VA 22313-1450

RESPONSE TO THE EXAMINER'S OFFICE COMMUNICATION

In reply to the Office Communication dated May 18, 2004, in the above-captioned application, please enter the following Remarks as follows:

IN THE CLAIMS

1. (Previously amended) An array comprising a plurality of biological membrane microspots stably associated with a surface of a substrate, wherein the substrate is adapted such that the microspots remain adsorbed when drawn through an air-water interface.
2. (Original) The array of claim 1, wherein the biological membrane microspots comprise a membrane bound protein.
3. (Original) The array of claim 2, wherein the membrane bound protein is a G-protein coupled receptor.
7. (Original) The array of claim 1, wherein the substrate is configured as a chip, a slide or a microplate.